

CLAIMS

1. An industrial robot comprising:
a manipulator having a tool at a tip end;
a robot control unit for controlling the manipulator; and
5 a primary teaching device and a subsidiary teaching device each for controlling the manipulator through the robot control unit,

wherein operation capable of being conducted by the subsidiary teaching device is restricted as compared with operation capable of being conducted by the primary teaching device.

10 2. An industrial robot according to claim 1, wherein operation capable of being conducted by the subsidiary teaching device is determined by the primary teaching device.

15 3. An industrial robot according to claim 2, wherein operation capable of being conducted by the subsidiary teaching device is classified as a user level by the primary teaching device, and the subsidiary teaching device includes a user level judging function.

20 4. An industrial robot according to claim 1 or 2, wherein the primary teaching device and subsidiary teaching device are detachably attached to the robot control unit, and either the primary teaching device or the subsidiary teaching device is connected to the robot control unit.

25 5. An industrial robot according to claim 4, wherein the robot control unit includes a storage device for storing information to restrict operation when the primary teaching device or the subsidiary teaching device is connected to the robot control unit.

30 6. An industrial robot according to claim 1, wherein the primary teaching device and subsidiary teaching device are simultaneously connected to the robot control unit, and the primary teaching device includes a user judging function.